



Amendments to the Specification

IN THE TITLE

Please correct USPTO records to indicate that the title to be used in this application is **PIPING STRUCTURE IN TIRE VULCANIZING MACHINE.**

IN THE WRITTEN DESCRIPTION

Please replace the paragraph beginning at page 1, line 9, with the following rewritten paragraph:

The tire vulcanizing machine is provided with upper and lower metal molds and a bladder ~~expanded~~which expands and ~~contracted~~contracts by supplying and discharging ~~the~~a fluid, and is structured such as to vulcanize a raw tire by pressing the bladder expanded by supplying the fluid to an inner surface of the raw tire which is set to an inner portion of the metal molds.

Please replace the paragraph beginning at page 1, line 23, with the following rewritten paragraph:

~~In conventional~~Conventionally, the piping structure of each of the valves and each of the branch pipes with respect to the main pipe employs a two-way, three-way or four-way switch valve having a flange or an inside screw and an outside screw, and a valve unit is formed by assembling them in one position.

Please replace the paragraphs beginning at page 2, line 12, with the following rewritten paragraphs:

Accordingly, in the conventional structure, the piping structure becomes complicated and constrained by a lot of pipes and flanges, so that there are problems that a lot of labor ~~hour~~s are required for keeping the pipes warm, and a lot of labor ~~hour~~s are required for replacing the valves for maintenance. Further, in the case of securing an area for

operating and maintaining the valves, there is a problem that the valve unit is enlarged in size.

Further, since a lot of pipes are complexly placed and the pipes are arranged approximately horizontally, there is also a problem that a drain is hard to beget out from the pipes due to an accumulation of the drain.

The present invention is made for the purpose of solving the conventional problems mentioned above, and an object of the present invention is to provide a piping structure in a tire vulcanizing machine which has a simple structure, ~~has~~ and an improved operability of a valve, can easily execute a maintenance work such as a valve replacement, and can form a compact valve unit having a reduced piping area.

Please replace the paragraph beginning at page 5, line 13, with the following rewritten paragraph:

A tire vulcanizing machine A is provided with upper and lower metal molds 1 and 1, and a bladder 10 ~~expanded and contracted by supplying and discharging~~ which expands and contracts by the supply and discharge of a heated fluid, and is structured such as to vulcanize a raw tire T while holding it, by pressing the bladder 10, expanded by supplying the supply of the fluid, to an inner surface of the raw tire T set in inner portions of the metal molds 1 and 1.

Please replace the paragraph beginning at page 6, line 18, with the following rewritten paragraph:

The panel valve 5 is formed, as shown in Fig. 2, such that an inflow path 52 and an outflow path 53, communicated by a valve port 51, are formed in an inner portion of a valve main body 50, the inflow path 52 and the outflow path 53 ~~are communicated~~ communicate in an open state of the valve port 51 provided in a valve body 54, and the inflow path 52 and the outflow path 53 are shut off in a closed state (a state shown in Fig. 2) of the valve port 51 by the valve body 54.